

OMEGA CHEMICAL SITE PRP ORGANIZED GROUP

5225 Canyon Crest Drive
Building 200/Suite 253
Riverside, Ca 92507
(951) 222-0387
(951) 222-0389
e-mail: edm@demaximis.com

June 13, 2006

Mr. Chris Lichens
Remedial Project Manager
U.S. Environmental Project Manager Agency-Region IX
75 Hawthorne Street (SFD-7-4)
San Francisco, CA 94105

Re: Scope of Work, Omega Chemical Site, HVAC and Chemical Usage Inventory

Dear Mr. Lichens:

As requested, enclosed is a scope of work prepared by CDM on behalf of the Omega Chemical Site PRP Organized Group (OPOG) for the proposed HVAC and Chemical Usage Inventory at the Omega Chemical Superfund Site, Whittier, California.

Should you have any questions regarding the enclosed information, please contact me.

Sincerely,
Omega Chemical Site PRP Organized Group



Edward Modiano
Project Coordinator

Cc: Tom Perina, CH2MHIL
Lori Parness, DTSC
Dave Chamberlin, CDM
Sharon Wallin, CDM



MEMORANDUM

To: *Ed Modiano – OPOG Project Coordinator*

From: *Sharon Wallin - CDM*
Dave Chamberlin – CDM

Date: *June 13, 2006*

Subject: *Scope of Work, Omega Chemical Site, HVAC and Chemical Usage Inventory*

In a letter dated May 15, 2006, EPA requested that OPOG sample four additional buildings surrounding the Omega property. These four buildings are 12476 Whittier Blvd., (Medlin & Son, north building), 12549 Washington Blvd. (LA Carts), 12535 Washington Blvd. (Oncology Care Medical Associates), and 12519 Putnam St. (Bishop Landscaping).

OPOG has agreed to initially conduct a chemical inventory and HVAC evaluation at these four buildings. Based on the findings, OPOG will make recommendations to EPA for indoor air quality (IAQ) sampling. Additionally, OPOG is awaiting the results of the most recent vapor sampling investigation, during which samples were collected at location VP-30 adjacent to the northern Medlin & Son building. If the shallow vapor results from VP-30 demonstrate low VOC concentrations, then no IAQ sampling will be recommended for that building.

Scope of Work

Prior to initiation of IAQ sampling, on behalf of OPOG CDM will conduct an initial evaluation of each building. The evaluation will consist of the following tasks.

Task 1 – Chemical Use Survey

In order to establish a baseline of potential vapors that may be indigenous to each building, CDM will coordinate with the owner and/or tenant to identify all chemicals that are used in the building. It is expected that a Certified Industrial Hygienist will conduct the chemical use survey. This task will include interview(s) with appropriate personnel to discuss the use of chemicals in the building, and observations and documentation of all chemicals in supply closets, kitchens, or other rooms where chemicals are stored. The product name and chemical constituents of each product will be recorded.

Task 2 – Heating, Ventilation, and Air Conditioning (HVAC) evaluation

The occurrence, concentration, and distribution of chemicals in indoor air is affected by (a) the source strength from which vapors are derived, (b) the pathway from the source(s) to the indoor air, and (c) the operation of the HVAC systems. The latter can



have a profound impact on IAQ. In general terms, proper HVAC operation, including an appropriate level of air turnover, will typically result in significant attenuation of vapors, regardless of the source strength and pathways. Conversely, inefficient operation of an HVAC system may allow the unnecessary and inappropriate accumulation of vapors.

The HVAC survey will commence with a physical characterization of each building, including size and number/distribution of rooms. The survey will then identify and describe each heating, ventilation, and air conditioning unit in each building. The description will include the type, size, capacity, age, condition, and controls for each unit. The source of air (e.g. outside air versus recirculation) will also be established. This information will be used to quantitatively evaluate the performance of the HVAC systems when compared to the current California Building Code (Title 24, Part 2) and the California Energy Code (Title 24, Part 6).

Task 3 - Data Evaluation

Upon completion of the Chemical Use and HVAC surveys, a brief summary Technical Memorandum will be prepared which describes the "baseline" conditions with respect to IAQ, and proposes specific locations for placement of the Summa canisters. It is important to emphasize that, should either (a) significant use of chlorinated solvents or freons or (b) improper operation of an HVAC system be identified in any building, OPOG may elect not to complete IAQ sampling of such buildings as the results would be very ambiguous and of little value in determining the presence and nature of indoor air intrusion. In these instances, OPOG would proceed with additional soil vapor sampling in areas outside but proximal to the buildings.

Schedule

On behalf of OPOG, CDM has already initiated contact with all building owners or tenants, and completed an initial site visit on June 9. Depending on completion of formal access acquisition, Tasks 1 and 2 are expected to be completed during the week beginning June 19. IAQ sampling would then be completed for all appropriate buildings late in the week of June 26. If the results of Tasks 1 or 2 indicate that IAQ sampling is not appropriate, per Task 3 above, then exterior soil vapor sampling would be completed during the week of July 12.

P:\10500 - Omega\Scope of Work\HVAC and CUI .doc